






Method for making hose

Patent number: DE2750642
Publication date: 1978-11-09
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Classification:
 - international: B29H7/14
 - european: B29D23/22
Application number: DE19772750642 19771109
Priority number(s): IT19770023156 19770504

Also published as:

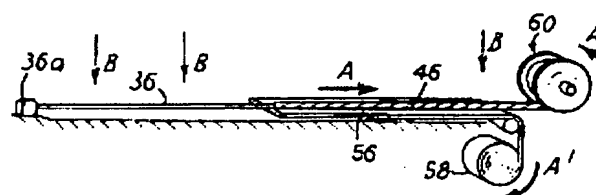
 US4753699 (A1)
 NL7804598 (A)
 LU79593 (A)
 JP53137279 (A)
 GB1593829 (A)

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Abstract not available for DE2750642

Abstract of corresponding document: **US4753699**

For making hose for industrial use by winding a plurality of tapes helically about an elongated metal surface core, a mass of warm uncured curable rubber compound is converted to continuous running lengths of parallel tapes by calendering, cooling and slitting the same. A multiplicity of bobbins are prepared, each having a substantial length of one of the tapes thereon. The core is supported at suitably spaced intervals along its length. The core is rotated, and at least one of the bobbins is concurrently carried in a direction parallel to the core at a rate commensurate with the helical winding desired. A tape from a first bobbin is wound about the core, and then tape is wound in like manner about the core, one at a time from successive bobbins, to complete the structure of the hose on the core. The core and the hose so constructed are transferred to an autoclave of length accommodating the length of the core, and the hose is cured in the autoclave. Finally, the core and the hose thereon are removed from the autoclave and the hose is stripped from the core, the motions of transferring and removing being effected exclusively perpendicularly of the core.



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